

## CLAIMS

1. A system including  
an integrated element capable of combining the capabilities of a console  
and controller;  
the integrated element being included in a housing capable of being hand-  
held;  
the housing including a location capable of receiving a cartridge, the car-  
tridge being capable of being inserted and removed.
2. A system as in claim 1, wherein the cartridge includes at least some  
rewritable memory elements.
3. A system as in claim 1, wherein the software includes at least some  
elements that have been dynamically replaced or upgraded.
4. A system as in claim 1, including  
a communication link to at least one general purpose computing device;  
and  
the software including at least one element capable of supporting interac-  
tive communication between the integrated element and at least one of: a network  
router, a remote game console, a remote output device, or a server.

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2           5.     A system as in claim 4, wherein the communication link includes  
3 an audio or video output from the integrated element to a substantially remote output  
4 device.

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6           6.     A system as in claim 4, wherein the communication link includes  
7 an input from a substantially remote supplemental console to the integrated element.

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9           7.     A system as in claim 4, wherein the communication link is capable  
10 of supporting a dynamic replacement or update of at least one software element at the  
11 integrated element.

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13           8.     A system as in claim 4, wherein the software includes at least one  
14 element capable of supporting a game with multiple consoles.

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16           9.     A system as in claim 4, wherein the software includes at least one  
17 element capable of supporting a contest among multiple players, the contest being ad-  
18 judicated at either one of the integrated elements, or at a server.

19  
20           10.    A system as in claim 9, wherein the contest includes a memory  
21 having an aggregate measure or a statistical measure of scores achieved by multiple  
22 players, each one of the multiple players being associated with an instance of a game.

1  
2           11.    A system as in claim 1, including a communication link to at least  
3 one supplemental console, the communication link being capable of supporting com-  
4 munication between the supplemental console and at least one of: an output device or  
5 the integrated element.

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7           12.    A system as in claim 11, wherein the communication link includes a  
8 direct audio or video output from the supplemental console to the output device.

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10          13.    A system as in claim 11, wherein the communication link includes  
11 an input from the supplemental console to the integrated element.

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13          14.    A system as in claim 11, wherein the software includes at least one  
14 element capable of supporting a game with multiple consoles.

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16          15.    A system as in claim 11, wherein the software includes at least one  
17 element capable of supporting a multiplayer game.

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19          16.    A system as in claim 1, including  
20 at least one input device;  
21 a memory including software capable of receiving inputs from that at least  
22 one input device;

1           the software including elements capable of generating a signal capable of  
2 being communicated to an output device;

3           a secure processor capable of executing or interpreting at least some in-  
4 structions in the software, and capable of controlling operation of the software, whereby  
5 only authorized software can be executed or interpreted.

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7           17.    A system as in claim 16, wherein at least some of the memory is  
8 disposed in the cartridge.

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10          18.    A system as in claim 16, wherein the cartridge includes at least  
11 some information capable of authenticating the software.

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13          19.    A system as in claim 16, wherein the cartridge includes at least  
14 some information capable of replacing or upgrading the software.

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16          20.    A design of an integrated console/controller, essentially as shown.